

**PUBLIC NOTICE**  
For  
Air Quality Operating Permit  
for Mosaic Potash Carlsbad Inc of Mosaic Potash Carlsbad Inc

Mosaic Potash Carlsbad Inc at PO Box 71; Carlsbad, NM 88221-0071 has submitted an air quality operating permit application to the New Mexico Environment Department (NMED) for an air quality operating permit for its Mosaic Potash Carlsbad Inc. The owner of this plant is Mosaic Potash Carlsbad Inc. The exact location of the facility is at latitude 32 deg, 25 min, 2.0079 sec and longitude -103 deg, 55 min, 2.8661 sec. To aid in locating this facility, the approximate location is 16 miles E. of Carlsbad in Eddy County, New Mexico. This application file has been assigned an Operating Permit Number P039R2M1 and TEMPO Agency Interest ID No. 196.

Previously, the facility received an air quality construction permit and is in operation.

The Mosaic Potash facility is a potash mine and mill that produces fertilizer products from langbeinite ore ( $K_2SO_4 \cdot 2MgSO_4$ ). The major processes associated with the facility are mining, crushing, screening, granulation, leaching, drying, storing, and loading. The facility consists of an underground mine and surface mill capable of processing 17,500 tons per day (tpd) of langbeinite ore and 9,600 tpd of cuttings. The plant operates 24 hours per day, 365 days per year.

This operating permit application is for a permit modification. Per 20.2.70.401.C.(4) NMAC, this permitting action involves incorporation of changes authorized by NSR Permits 0495-M11, M11R1, M11R2, and M12; and establishing allowable emission limits for all fugitives (Unit FUG-CAP).

The emissions, as established in NSR Permit 0495M12, and brought forward into this permit are as follows. Parentheses note changes in emissions from previous operating permit – P039-R2. Emissions are expressed in tons per year (tpy). Nitrogen Oxides (NO<sub>x</sub>) at 70 tpy (no change); Carbon Monoxide (CO) at 225 tpy (NC); Volatile Organic Compounds (VOC) at 6 tpy (NC); Sulfur Dioxide (SO<sub>2</sub>) at 0.8 tpy (NC); Particulate Matter Total Suspended (TSP) at 266.6 tpy (-102.4), Particulate Matter 10 microns or less (PM<sub>10</sub>) at 215.8 tpy (-97.7), and Particulate Matter 2.5 microns or less (PM<sub>2.5</sub>) at 184.0 tpy (-76.4); and greenhouse gas (CO<sub>2</sub>e) >75,000 tpy.

The NMED has conducted a preliminary review of the information submitted with the permit application. This review included evaluation of the emission rates and applicable requirements to determine compliance.

The NMED has made a preliminary determination that this facility will comply with the requirements of Title 20, New Mexico Administrative Code (NMAC), Chapter 2, Parts 3, 19, 61, 72, 73, 75; 40 CFR 50; 40 CFR 60 Subparts A and IIII; 40 CFR 63 Subparts A and ZZZZ; and the New Mexico Air Quality Control Act. Therefore, the preliminary intent of NMED is to issue the air quality operating permit on or before February 13, 2016.

Interested persons may obtain the draft operating permit, submit written comments, or request a public hearing on Operating Permit Number P039-R2M1 by contacting Joseph Kimbrell at the New Mexico Environment Department, Air Quality Bureau, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816.

Written requests for public hearing must state the nature of the issues proposed to be raised in the hearing. Comments must be based on the requirements of the applicable state and federal air quality regulations and the Clean Air Act. Comments or hearing requests must be received within 30 days after the public notice is published.

The permit application, draft permit and relevant supporting materials are currently available for review at the Air Quality Bureau, 525 Camino de los Marquez Suite 1, Santa Fe, NM 87505-1816. The Department contact in Santa Fe is Joseph Kimbrell at 505-476-4347. Este es un aviso de la Agencia de Calidad de Aire del Departamento de Medio Ambiente de Nuevo México, acerca de las emisiones producidas por un establecimiento en esta área. Si usted desea información en español, por favor de comunicarse con la oficina de Calidad de Aire al teléfono 505-476-5557.